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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/607,627	06/27/2003	Pavel Kouznetsov	MSFT-2151/304790.1	7968
41505 7590 11/30/2007 WOODCOCK WASHBURN LLP (MICROSOFT CORPORATION) CIRA CENTRE, 12TH FLOOR 2929 ARCH STREET PHILADELPHIA, PA 19104-2891			EXAMINER HOFFMAN, BRANDON S	
			ART UNIT 2136	PAPER NUMBER
			MAIL DATE 11/30/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/607,627	KOUZNETSOV ET AL.	
	Examiner	Art Unit	
	Brandon S. Hoffman	2136	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 September 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-30 are pending in this office action.
2. Applicant's arguments, filed September 20, 2007, are moot in view of the new ground of rejection.

Claim Rejections

3. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claim Rejections - 35 USC § 103

4. Claims 1, 2, 5, 6, 7, 11, 16, 17, 20-22, 26, 29, and 30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ranzini et al. (U.S. Patent No. 7,120,606) in view of DiSanto et al. (U.S. Patent No. 6,856,686).

Regarding claims 1 and 16, Ranzini et al. teaches a rights-managed document/computer-readable medium having protected content from an author thereof, whereby a recipient of the document can render the protected content with a corresponding license if the recipient satisfies terms set forth in the license, the document comprising:

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- A storage portion having a message that the document is rights management protected (col. 9, lines 22-30 and 57-60); and
- A custom data portion having a section including the protected content, wherein the recipient if enabled can render the protected content in the custom data portion and if not enabled can only review the storage portion having the message (col. 9, line 57 through col. 10, line 7).

Ranzini et al. does not teach a **section including rights data relating to the protected content, the rights data setting forth each entity that has rights with respect to the protected content, and for each such entity a description of such rights.**

DiSanto et al. teaches a **section including rights data relating to the protected content, the rights data setting forth each entity that has rights with respect to the protected content, and for each such entity a description of such rights** (col. 13, line 62 through col. 14, line 29).

It would have been obvious to one of ordinary skill in the art, at the time the invention was made, to combine a section including rights data relating to the protected content, as taught by DiSanto et al., with the document/medium of Ranzini et al. It would have been obvious for such modifications because including all users intended

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encrypted data in a single transmission allows easier transmittal from the user to multiple recipients (see col. 14, lines 10-17 of DiSanto et al.).

Regarding claims 2 and 17, Ranzini et al. as modified by DiSanto et al. teaches wherein the custom data portion further has a section including rights data relating to the protected content, the rights data setting forth each entity that has rights with respect to the protected content, and for each such entity a description of such rights (see col. 6, lines 55-67 of Ranzini et al.).

Regarding claims 5, 14, 20, and 29 Ranzini et al. as modified by DiSanto et al. teaches wherein the protected content in the custom data portion comprises multiple alternative forms of a body of the document, whereby the recipient can select from among the alternative forms when rendering the protected content (see col. 10, lines 8-67 of Ranzini et al.).

Regarding claims 6, 15, 21, and 30, Ranzini et al. as modified by DiSanto et al. teaches wherein the protected content is compressed to reduce an overall size thereof (see col. 5, lines 25-34 of Ranzini et al.).

Regarding claims 7 and 22, Ranzini et al. as modified by DiSanto et al. teaches comprising a word processing document (see col. 4, lines 34-57 of Ranzini et al.).

Regarding claims 11 and 26, Ranzini et al. teaches a method/computer-readable medium for an enabled recipient to handle a received rights-managed document with protected content from an author, the method comprising:

- Receiving the document comprising a storage portion having a message that the document is rights management protected and a custom data portion having a section including the protected content **and a section including rights data relating to the protected content, the rights data setting forth each entity that has rights with respect to the protected content, and for each such entity a description of such rights** (fig. 6, ref. num 685 and col. 9, lines 22-30 and 57-60);
- Recognizing based on the storage portion that the document has the protected content in the custom data portion thereof (fig. 6, ref. num 690); and
- Examining the custom data portion of the document and proceeding based thereon to render the protected content in the custom data portion (col. 9, line 57 through col. 10, line 7).

Ranzini et al. does not teach **a section including rights data relating to the protected content, the rights data setting forth each entity that has rights with respect to the protected content, and for each such entity a description of such rights.**

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DiSanto et al. teaches a section including rights data relating to the protected content, the rights data setting forth each entity that has rights with respect to the protected content, and for each such entity a description of such rights (col. 13, line 62 through col. 14, line 29).

It would have been obvious to one of ordinary skill in the art, at the time the invention was made, to combine a section including rights data relating to the protected content, as taught by DiSanto et al., with the method/medium of Ranzini et al. It would have been obvious for such modifications because including all users intended encrypted data in a single transmission allows easier transmittal from the user to multiple recipients (see col. 14, lines 10-17 of DiSanto et al.).

Claims 3, 4, 8, 9, 10, 12, 13, 18, 19, 23-25, 27, and 28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ranzini et al. (USPN '606) in view of DiSanto et al. (USPN '686), and further in view of Peinado et al. (U.S. Patent No. 7,103,574).

Regarding claims 3 and 18, Ranzini et al. as modified by DiSanto et al. teaches all the limitations of claims 1 & 2 and 16 & 17, respectively, above. However, Ranzini et al. as modified by DiSanto et al. does not teach wherein the protected content in the custom data portion is encrypted according to a cryptographic key, and the rights data includes a decryption key (KD) for decrypting the encrypted content.

Peinado et al. teaches wherein the protected content in the custom data portion is encrypted according to a cryptographic key, and the rights data includes a decryption key (KD) for decrypting the encrypted content (col. 6, lines 48-52 and col. 7, lines 4-10).

It would have been obvious to one of ordinary skill in the art, at the time the invention was made, to combine encrypting the custom data portion, as taught by Peinado et al., with the document/medium of Ranzini et al./DiSanto et al. It would have been obvious for such modifications because encryption of the data protects it against illegal viewing.

Regarding claims 4 and 19, Ranzini et al. as modified by DiSanto et al./Peinado et al. teaches wherein the decryption key (KD) is encrypted according to a public key of a rights management (RM) server (PU-RM) operated by or on behalf of an organization of the author to result in (PU-RM(KD)), where only the RM server can access (KD) from (PU-RM(KD)) with a corresponding private key (PR-RM) (see fig. 5B, ref. num 521 and col. 23, lines 29-35 of Peinado et al.).

Regarding claims 8, 13, 23, and 28, Ranzini et al. as modified by DiSanto et al./Peinado et al. teaches wherein the custom data further has a section including an obtained license (see fig. 4, ref. num 38 of Peinado et al.).

Regarding claims 9 and 24, Ranzini et al. as modified by DiSanto et al./Peinado et al. teaches wherein the custom data further has a section including a transform specifying each section of custom data that is encrypted and each section of custom data with a license by which a decryption key (KD) may be obtained (see col. 16, lines 39-43 of Peinado et al.).

Regarding claims 10 and 25, Ranzini et al. as modified by DiSanto et al./Peinado et al. teaches wherein the custom data further has a section including a transform specifying each section of custom data that is compressed and how the section is compressed (see col. 16, lines 39-43 and col. 7, lines 23-24 of Peinado et al.).

Regarding claims 12 and 27, Ranzini et al. as modified by DiSanto et al. teaches all the limitations of claims 11 and 26, respectively, above. However, Ranzini et al. as modified by DiSanto et al. does not teach the following limitations.

Peinado et al. wherein the protected content is encrypted and is decryptable according to a decryption key (KD) (col. 6, lines 48-52 and col. 7, lines 4-10), wherein the custom data portion further has a section including rights data relating to the protected content, the rights data including (KD) and setting forth each entity that has rights with respect to the protected content and for each such entity a description of such rights (col. 2, lines 61-64), and wherein rendering the protected content in the custom data portion comprises: retrieving the rights data in the custom data portion of

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the document (fig. 6, ref. num 601); forwarding the retrieved rights data to a rights management (RM) server, such RM server for determining that the recipient is an entity listed in the rights data and issuing to the recipient a license corresponding to the protected content to the recipient based on the rights data, such license specifying rights the recipient has with respect to the protected content as determined from the rights data and also including (KD) from the rights data encrypted in a manner decryptable by the recipient (fig. 5B, ref. num 529 and fig. 6, ref. num 603); reviewing the issued license to determine that the recipient has a right to render the protected content of the custom data portion of the document (fig. 6, ref. num 607); retrieving (KD) from the license (col. 4, lines 55-57); decrypting the protected content with (KD) (fig. 5B, ref. num 533); and rendering the decrypted content (fig. 5B, ref. num 535).

It would have been obvious to one of ordinary skill in the art, at the time the invention was made, to combine encrypting the custom data portion, as taught by Peinado et al., with the document/medium of Ranzini et al./DiSanto et al. It would have been obvious for such modifications because encryption of the data protects it against illegal viewing.

Conclusion

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brandon S. Hoffman whose telephone number is 571-272-3863. The examiner can normally be reached on M-F 8:30 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nasser G. Moazzami can be reached on 571-272-4195. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

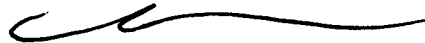
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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Brandon Hoffman/

BH

NASSER MOAZZAMI
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100


11,28,07